

Appl. No. 09/342,719
Docket No. 7590Q
Amdt. dated January 15, 2009
Reply to Office Action mailed on October 16, 2008
Customer No. 27752

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-27. (Canceled).

28. (Currently Amended) A disposable article adapted to be worn by a wearer comprising:

a diaper comprising a topsheet connected with a backsheet, and an absorbent core disposed between the backsheet and topsheet;

one or more compositions for enhancing removability of fecal waste from skin of the wearer, said one or more compositions stored within the diaper prior to the diaper being first used and prior to a first excretion of fecal waste from the wearer and being available to at least a portion of one of said fecal waste and said skin of said wearer; and

wherein the diaper comprises a responsive system disposed within the diaper so as to be located between the backsheet and the wearer, the responsive system including a sensor and an actuator, the sensor adapted to detect an input, and the actuator being adapted to deliver said one or more compositions to at least a portion of said fecal waste excreted from said wearer when the sensor detects the input, and said one or more compositions provide one or more of the following as determined by test methods set forth in the specification:

a) a Waste Contamination Area of less than about 15 cm²;

b) a Waste Contamination Mass calculated from an equation $\sum_{L0}^{Ln} (mArArea \times mARGV)/255$ of less than about 14 mass units.

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29. (Previously Presented) The disposable article of Claim 28 wherein said one or more compositions provide a Waste Contamination Area of less than about 12 cm².
30. (Previously Presented) The disposable article of Claim 29 wherein said one or more compositions provide a Waste Contamination Area of less than about 10 cm².
31. (Previously Presented) The disposable article of Claim 29 wherein said one or more compositions provide a Waste Contamination Mass calculated from the equation $\sum_{L0}^{Ln} (mArArea \times mArGV)/255$ of less than about 10 mass units.
32. (Previously Presented) The disposable article of Claim 31 wherein said one or more compositions provide a Waste Contamination Mass calculated from the equation $\sum_{L0}^{Ln} (mArArea \times mArGV)/255$ of less than about 8 mass units.
33. (Canceled).
34. (Previously Presented) The disposable article of Claim 28 wherein at least one of said compositions comprises an effective concentration of a feces modifying agent.
35. (Original) The disposable article of Claim 34 wherein at least one of said compositions comprises a skin care composition.
36. (Original) The disposable article of Claim 28 comprising a skin care composition on a wearer-contacting surface.

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37. (Previously Presented) The disposable article of Claims 35 or 36 wherein said skin care composition comprises a material selected from the group consisting of: petroleum oils, petroleum waxes, silicone oils, and silicone waxes.

38-39. (Canceled).

40. (Previously Presented) The disposable article of Claim 34 wherein the feces modifying agent includes a viscosity increasing agent.

41. (Previously Presented) The disposable article of Claim 40 wherein the viscosity increasing agent includes a thickener.

42. (Previously Presented) The disposable article of Claim 41 wherein the thickener is selected from the group consisting of: carboxymethyl cellulose, xanthan gum, polyacrylic acid and salts thereof, polyacrylamide, and polyethyleneimines.

43. (Previously Presented) The disposable article of Claim 40 wherein the viscosity increasing agent includes an ionic complexing agent.

44. (Previously Presented) The disposable article of Claim 43 wherein the ionic complexing agent is selected from the group consisting of: ZnO, MgO, MnO, CaO, calcium hydroxide, ethanolamines, quaternary ammonium salts, Al₂O₃, alginates, zinc salts, aluminum salts and combinations thereof.

45-46. (Canceled).

47. (Original) The disposable article of claim 34 wherein said feces modifying agent is disposed in the article as an individual discrete element.

48. (Original) The disposable article of Claim 34 wherein said feces modifying agent is associated with a carrier structure which includes a component selected from the group consisting of: a web of material, a film, a fibrous structure, a loop material, a brush structure, and a structure which releasably encapsulates said feces modifying agent.

49-57. (Canceled).

58. (Currently Amended) A method of enhancing removability of bodily waste from the skin of a wearer of a disposable article, the method comprising:
providing a ~~disposable article~~ diaper comprising a topsheet connected with a backsheet, and an absorbent core disposed between the backsheet and topsheet, the diaper adapted to be worn by the wearer;
storing one or more compositions for enhancing the removability of fecal waste from skin of the wearer within ~~said disposable article~~ the diaper prior to the diaper being first used and prior to a first excretion of fecal waste by the wearer so that said one or more compositions are available to at least a portion of one of said bodily waste and said skin of said wearer ~~and said disposable article is a~~ and wherein the diaper comprising comprises a responsive system disposed within the diaper so as to be located between the backsheet and the wearer, the responsive system including a sensor and an actuator, the sensor adapted to detect an input, and the actuator being adapted to deliver said one or more compositions to at least a portion of said fecal waste excreted from said wearer when the sensor detects the input;

said one or more compositions providing one or more of the following as determined by the test methods set forth in the specification:
a) a Waste Contamination Area of less than about 15 cm²;

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b) a Waste Contamination Mass calculated from equation $\sum_{L0}^{Ln} (mArArea \times mArGV)/255$ of less than about 14 mass unit.

59. (Original) The method of Claim 58 wherein at least one of said compositions comprises an effective amount of a feces modifying agent.

60. (Previously Presented) The method of Claim 59 wherein at least one of said compositions comprises a skin care composition.

61-63. (Canceled).

64. (Previously Presented) The disposable article of Claim 28, wherein the one or more compositions is joined to the diaper while the one or more compositions is being stored.

65. (Previously Presented) The disposable article of Claim 28, wherein the diaper further comprises a leg cuff, and the one or more compositions is attached to the leg cuff while the one or more compositions is being stored.

66. (Currently Amended) The disposable article of Claim 28, wherein ~~the diaper further comprises a topsheet, and~~ the one or more compositions is attached to the topsheet while the one or more compositions is being stored.